

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3646	(62/238.6,238.7,159,160,324.1,185,324.5,275,151,150,156).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/01/23 15:15
L2	27	"2" and (heat adj pump) and (water adj (heater or heating)) and compressor and (auxiliary adj heater)	US-PGPUB; USPAT	OR	ON	2007/01/23 15:21
L4	0	((heat adj pump) and (water adj (heater or heating)) and compressor and (auxiliary adj heater)).clm.	US-PGPUB	OR	ON	2007/01/23 15:21
L5	0	((heat adj pump) and (water adj (heater or heating)) and compress\$3 and (auxiliary adj heater)).clm.	US-PGPUB	OR	ON	2007/01/23 15:22
L6	2	((heat adj pump) or (vapor adj compression)) and compress\$3 and (auxiliary adj heater)).clm.	US-PGPUB	OR	ON	2007/01/23 15:23
S1	1	("20050120729").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/21 16:20
S2	4	("2836965" "4112705" "4143707" "5305822").PN.	US-PGPUB; USPAT	OR	ON	2006/09/21 14:28
S3	157	"62"/\$.ccls. and (heat adj pump) and (water adj (heater or heating)) and compressor and auxiliary	US-PGPUB; USPAT	OR	ON	2007/01/23 15:15
S4	21	S3 and (auxiliary adj heater)	US-PGPUB; USPAT	OR	ON	2006/09/21 16:22
S5	6	("5081846").URPN.	USPAT	OR	ON	2006/09/21 16:29
S6	9	("2751761"   "2934913"   "4314456"   "4364237"   "4592206"   "4645908"   "4766734").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/21 16:33
S7	19	"62"/\$.ccls. and (heat adj pump) and (water adj (heater or heating)) and compressor and (supplement\$2 adj2 heater)	US-PGPUB; USPAT	OR	ON	2006/09/21 16:55
S8	327	"62"/\$.ccls. and (heat adj pump) and (water adj2 (heater or heating)) and compressor and (heat adj2 refrigerant)	US-PGPUB; USPAT	OR	ON	2006/09/21 16:56
S9	173	S8 and (heat adj pump) and (water adj (heater or heating)) and compressor and (heat adj refrigerant)	US-PGPUB; USPAT	OR	ON	2006/09/21 18:08
S10	23	("1684186"   "2108671"   "2359365"   "2690649"   "2716866"   "3006160"   "3188829"   "3280903"   "3301002"   "4098092"   "4142379"   "4168745"   "4226606"   "4351159").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/21 17:53
S11	7	("4373354").URPN.	USPAT	OR	ON	2006/09/21 17:58
S12	25	(heat adj pump) and (water adj (heater or heating)) and compressor and (heat adj refrigerant)	EPO; JPO; DERWENT	OR	ON	2006/09/21 18:21
S13	2	(heat adj pump) and (heater adj (heat adj refrigerant))	EPO; JPO; DERWENT	OR	ON	2006/09/25 12:48
S14	0	(heat adj pump) and (heater adj (heat adj refrigerant)) and (water adj heater)	EPO; JPO; DERWENT	OR	ON	2006/09/21 18:24
S15	5	(heat adj pump) and (heater adj (heat adj refrigerant)) and (water adj heater)	US-PGPUB; USPAT	OR	ON	2006/09/21 18:24
S16	1263	(heat adj pump) and (water adj heater)	EPO; JPO; DERWENT	OR	ON	2006/09/25 10:03
S17	1190	S16 not us.pc.	EPO; JPO; DERWENT	OR	ON	2006/09/25 10:03
S18	234	S17 and evaporator	EPO; JPO; DERWENT	OR	ON	2006/09/25 10:11
S19	61	S18 and compressor and @PD<"20031204"	EPO; JPO; DERWENT	OR	ON	2006/09/25 10:11
S20	425	"62"/\$.ccls. and (heat adj pump) and (water adj (heater or heating)) and compressor and evaporator	US-PGPUB; USPAT	OR	ON	2006/09/25 10:47
S21	241	S20 and (water adj heater)	US-PGPUB; USPAT	OR	ON	2006/09/25 10:47

## EAST Search History

S22	70	S21 and (electric\$3 adj heat\$3)	US-PGPUB; USPAT	OR	ON	2006/09/25 11:15
S23	59	S22 and @PD<"20050101"	US-PGPUB; USPAT	OR	ON	2006/09/25 10:48
S24	45	S21 and (heating adj element) and @PD<"20050101"	US-PGPUB; USPAT	OR	ON	2006/09/25 11:15
S25	8	("4173872"   "4256059"   "4293323"   "4320630"   "4487032"   "4507933"   "4773231"   "5052187").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/25 11:16
S26	15	("4293323").URPN.	USPAT	OR	ON	2006/09/25 11:19
S27	11	("4173872").URPN.	USPAT	OR	ON	2006/09/25 11:29
S28	7	("5467812").URPN.	USPAT	OR	ON	2006/09/25 11:50
S29	7	("5467812").URPN.	USPAT	OR	ON	2006/09/25 11:53
S30	23	(refrigerant adj heater) and (water and compressor)	EPO; JPO; DERWENT	OR	ON	2006/09/25 14:18
S31	3	S30 and (water adj heater)	EPO; JPO; DERWENT	OR	ON	2006/09/25 14:17
S32	3	(refrigerant adj heater) and (water and compressor) and (water adj heater) and (heat adj pump)	EPO; JPO; DERWENT	OR	ON	2006/09/25 14:19
S33	11	"62"/\$.ccls. and (refrigerant adj heater) and (water and compressor) and (water adj heater) and (heat adj pump)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/25 14:34
S34	177	"62"/\$.ccls. and (refrigerant near heat) and (water and compressor) and (water adj heater) and (heat adj pump)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/25 14:38
S35	24	("3004810" "3908373" "3951569" "3986664" "3998570" "400 8006" "4024704" "4145163" "4630447" "4694732" "5141413"  "5378116" "5520015" "5622486" "5735675" "6233958" "625 7838" "6318967" "6397892" "6523359" "6629488" "6663358"  "6823683").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/25 14:39
S36	21	("2575325").URPN.	USPAT	OR	ON	2006/09/25 15:51
S37	2	("4416121").URPN.	USPAT	OR	ON	2006/09/25 15:55
S38	8	("4386500").URPN.	USPAT	OR	ON	2006/09/25 15:56
S39	11	("4173872").URPN.	USPAT	OR	ON	2006/09/25 16:01
S40	5	("2516093").URPN.	USPAT	OR	ON	2006/09/25 16:04
S41	1	("6467288").PN.	US-PGPUB; USPAT	OR	OFF	2006/09/25 17:57
S42	9	("5172564"   "5239838"   "5249432"   "5272885"   "5291941"   "5323617"   "5628200"   "5711161"   "6327868").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/25 17:58